

Honor Roll

Congratulations to the following departments and crafts who have exceeded their 1968 United Fund goal through the second week of the drive!

Accounting & Budget
Alpha Five Assembly Area
Development Operations
Machine Maintenance
General Machine Shop
General Weld Shop
General Metal Fabrication Shop
General Shop Job Liaison
Materials Specimen Shop
Rover Fabrication
H-2, F-Area Shops
Tool Grinding
Industrial Relations
Administration
Publications
Recreation
Cafeteria
Maintenance Administration
Salvage
Process Maintenance
Maintenance Division
Research Services
Garage
Electrical
Laundry
Area Five Maintenance
Plant Records
Materials & Services
Administration
Chemical Services
Special Services
Beta Two Forming
H-1 Foundry
9215 Rolling
Special Production Scheduling
& Coordination
Critical Path & Regular
Production Scheduling
Security
Superintendents
General Shop Inspection
Gage Certification Lab
Quality Assurance
Painters
Bricklayers
Restaurant Employees

Daylight Savings Time To Expire Sunday Morn

All you folks who have been complaining about Daylight Savings Time will have your day Saturday, or Sunday, to be more exact.

At exactly 2 a.m. Sunday morning, it will become 1 a.m. . . . i.e. everyone runs his clock back one hour.

Shift workers working Saturday will report to work at 11 p.m., EDT, October 26, and will clock out at 7 a.m. EST, Sunday, October 27. Non-shift workers may earn an extra hour's sleep Saturday.

Y-12 Leads Way Again For United Fund

Union Carbide Corporation reached toward its \$241,000 goal in the United Fund last week as the computers rolled out the pledges thus far in. A total of \$173,108, or 72 per cent of the goal, is in!

Y-12 leads the field with \$69,859 . . . or 78 per cent of its goal . . . only 22 per cent more to go! Let's heave ho this week and make our goal before October is over.

PERFECT DIPLOMAT

A good diplomat can tell you to go to hell so nicely that you begin packing.



WHO GIVES A DAM this 13-year-old might ask. Y-12 is answering loudly and clearly that we care and want to help the mentally distressed in our communities . . . the disabled . . . the young . . . and the handicapped. Our concern with mankind is in evidence about this time every year as we pledge our support to the United Fund drive.

Somebody Cared Enough To Help

This story has a happy ending, thanks to United Fund dollars utilized by the Mental Health Center, Knoxville.

It all began tragically in 1960 when Mrs. Jones was killed when their home burned. The husband and his 13-year old son survived the fire. The boy, however, never believed his mother died accidentally and held his father responsible for her death.

The man was in no way responsible for his wife's death, but his son's constant condemnation produced guilt feelings in the father. It was not long before the father-son relationship was completely destroyed, and the father began failing in his work. The son began having trouble in school, was uncontrollable at home, and finally was forced to appear before Juvenile Court. He had been caught stealing.

Juvenile authorities referred both father and son to the Knoxville Mental Health Center. The Court agreed to drop the case if the father and son faithfully attended all appointments and cooperated to the fullest extent with Center people.

For five years the two underwent therapy at the Center. Except for the last six interviews,

the father and child were seen separately. Each was seen once a week.

The child was made to understand his father's blamelessness in his mother's death, and the psychological damage he was causing in the family. The father was shown how he was hurting the child by showing unfounded guilt. Both father and son were very conscientious about their therapy.

The father is now well adjusted in work and at home. The son, at present, is manager of the men's department in a large clothing store in the mid-West.

Both were rescued from the maelstrom of confusion, tragedy and helplessness. Both are useful citizens today because their fellow man cared enough to help.

Have you signed your 'needed share' pledge yet in the United Fund drive?

Greek Coffee House Set Saturday Night

How about a Greek Coffee House? The Oak Ridge Arts Festival will sponsor such a thing Saturday, October 26.

Featured will be Greek pastries and coffee, with entertainment in the Hellenic style . . . i.e. dancing, music, etc. Floor shows are set at 8 and 10 p.m. The Coffee House is open from 7 until 11 p.m. Saturday at the Alexander Motor Inn, Oak Ridge. Admission is \$1 per person.

NO WAY OUT

Psychologists say that it's bad to be an orphan, terrible to be an only child. It's damaging to be the youngest child, perplexing to be in the middle, demanding to be the oldest. The only way out is to be born an adult.

Second Report Boosts United Fund To 78 Per Cent Of 'Needed' Goal!

The second-week report for the United Fund Drive shows Y-12 with more than 78 per cent of its goal . . . with 67 per cent of the plant's cards returned. Almost half of the 3,464 employees reporting in have pledged a needed share thus far.

The Accounting and Budget Division, omitted from last week's Bulletin report, shows a 100 per cent 'needed share' participation! The division has gone over its goal by 117.61 per cent! Congratulations! The smallest division by numbers proves not to be the smallest of heart!

Two 'divisionless' departments report in the Y-12 totals for the first time . . . Criticality Studies, and Long Range Planning.

Division by division, craft by craft, Y-12's United Fund Drive looks as follows through October 14:

Division	% Returned	Goal	Contribution	% Of Goal
Accounting and Budget	100	\$ 434.17	\$ 510.64	117.61
Assembly	78	1,553.07	1,072.84	69
Development	90	8,539.98	7,222.04	85
Engineering	67	10,014.12	6,811.24	68
Fabrication	87	7,227.62	6,414.78	89
Industrial Relations	82	1,519.43	1,122.20	74
Maintenance	98	6,990.38	7,396.68	105.81
Materials & Services	94	1,989.54	1,724.20	87
Metal Preparation	89	4,701.56	4,869.24	103.56
Production Scheduling	89	2,042.19	1,782.36	87
Shift Superintendents and Utilities	72	2,726.75	2,152.28	79*
Superintendents	75	1,644.85	1,502.80	92
Technical	72	10,943.15	7,773.46	71
Criticality Studies	87	495.83	400.00	81
Long Range Planning	100	53.66	36.00	79

*Division includes Guard Local's figures also.

Local 3—Bricklayers	72	31.18	33.00	105.83
Local 33—Boilermakers	14	357.71	65.00	18
Local 50—Carpenters	67	378.81	233.00	62
Local 51				
Sheetmetal Workers	89	566.29	449.04	79
Local 52—Insulators	92	128.76	65.00	51
Local 166—Building Service Employees	81	1,559.84	1,335.40	86
Local 252				
Chemical Workers	56	3,272.19	2,087.44	64
Local 805—Painters	90	311.92	331.04	106.12
Local 384—Iron Workers	4	289.71	23.76	8
Local 480—Machinists	42	12,145.40	5,913.00	49
Local 519—Teamsters	33	2,193.01	555.88	25
Local 623				
Restaurant Employees	93	112.37	133.68	118.96
Local 718—Pipefitters	71	1,950.66	1,436.32	74
Local 760—Electricians	79	3,055.36	3,006.52	98
Local 3—Guards	59	757.75	486.94	64*
Local 900				
Operating Engineers	81	1,155.87	640.44	55

*Includes salaried employees in Guard Department.

Thus, the Painters, Restaurant Employees and Bricklayers have already exceeded their goal for 1968. Congratulations to these crafts! As extra pledges come in these crafts will even go beyond present figures.

Among salaried employees, three divisions already exceed their established goals for 1968 . . . they are Accounting and Budget, Maintenance, and Metal Preparation.

Congratulations.

Argonne's Morrison Is Seminar Speaker

G. C. Morrison, Argonne National Laboratory, is featured speaker at this week's Physics Division seminar. His subject will be "Isobaric Analog Resonances." The seminar is set for tomorrow, Thursday, October 24, at 3:15 p.m. in the East Auditorium of ORNL's 4500 Building.

BAA . . . BAA . . . BLACKSHEEP

By the year 2000, it is predicted that wool will be harvest from sheets of living skin which grows in a culture in a laboratory tank.

Is Chamber Music Your Own Hang-Up?

Is chamber music your hang-up? If so, you'll be interested in the appearance of the Hungarian Quartet tonight. Making its second appearance in Oak Ridge, the Quartet will play works of Beethoven, Hindemith and Schubert. The concert begins tonight, Wednesday, October 23, at 8:15 p.m. in the Robertsville Junior High School Auditorium.

Tickets, both individual and season, will be available at the box office prior to tonight's concert.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
212 Days Or
6,469,000 Man-Hours
(Unofficial Estimate)
Through October 20
Without A Disabling Injury
SAFETY AT HOME,
AT WORK, AT PLAY

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Mr. and Mrs. Thomas Lee Crisp

CRISP—DUNCAN

The Edgemoor Baptist Church, Edgemoor, was the scene of the Friday, September 27 marriage of Miss Marjorie Marie Duncan and Mr. Thomas Lee Crisp. Reverend John F. Burleson, pastor, officiated at the 8:30 p.m. double-ring rites.

Ellen M. Hughes, Accounting and Budget, sang, and her daughter Miss Charlotte Hughes played traditional wedding music on the organ.

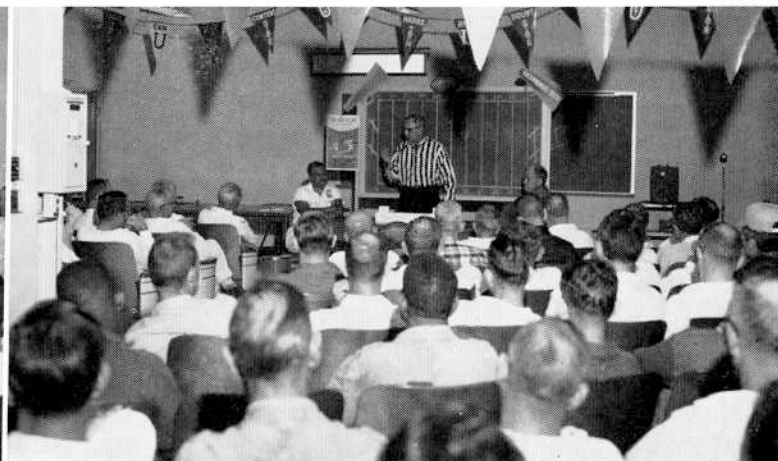
The bride is the daughter of Mrs. Mattie K. Duncan, 249 North Purdue, Oak Ridge; and Mr. Paul Duncan, Route 3, Oliver Springs. The groom is the son of Mr. and Mrs. Clarence C. Crisp, 407 Riverside Drive, Clinton. The father is employed in Y-12's Electrical Department.

Given in marriage by her father, the bride wore a street length dress with an A-line skirt of satin with chantilly lace bodice and sleeves, with a scalloped neckline. Her mantilla veil was of waist length bordered with English lace. She carried a bouquet of miniature white roses.

Mrs. Gail Crisp Yearly, sister of the groom, was matron of honor, and Mrs. Carol D. Brock, another sister, was her other attendant. Mr. Crisp's best man was his



MAINTENANCE SCORES AGAIN WITH an interesting safety program, using football as a theme. Above, referee, U. A. Alspaugh blows the whistle on two quarterbacks. The meetings split the Maintenance men into two sections, and their answers determine the success of the play. Colleges such as Sad State, Rufon U, Up-



set U, D.G.D. (Don't give a dam) State, E-Z Tech, etc. represent the teams played. The program will be given to about 15 groups through the division during October. Al produced the interesting show, and is sometimes assisted by Bud Fischer. The division is famed for its safety programs.

Maintenance Safety Has Sports Theme

Tipping the hat to the Maintenance Division for safety programs is 'old hat' in Y-12. The Division consistently comes up with the freshest, newest and liveliest safety ideas in town. Their October safety program is another 'ringer.'

Who ever heard of Rufon University, DGD (Don't Give a Dam) College, or Sad State? In the seasonal motif of football, replete with cheers and band music, U. L. Alspaugh has come up with October's safety meetings which are going throughout the entire division. A total of 15 programs is set for the month.

The way it works . . . each meeting is divided into two teams. Questions and answers determine the success of each individual play . . . and Alspaugh is there as the referee.

Alspaugh produced and directed the show . . . with the sometimes aid of H. A. "Bud" Fischer. The answers are spontaneous, and audience participation is always high in every show.

Through the years, the division has maintained a high level of interest in safety . . . both in programming, equipment, and safe working habits. Due to the variety of work done in the section, every known type hazard in industry is encountered practically.

Cards drawn during the game determine what manner of play will follow . . . end run, pass, lateral, or what-have-you.

Since football is in the air during October . . . especially in these Tennessee hills . . . it's entirely fitting that the theme of Maintenance is adaptable to almost any subject.

Another example is found how everyday, usually dull subjects, come alive with just a touch of imagination and ingenuity.

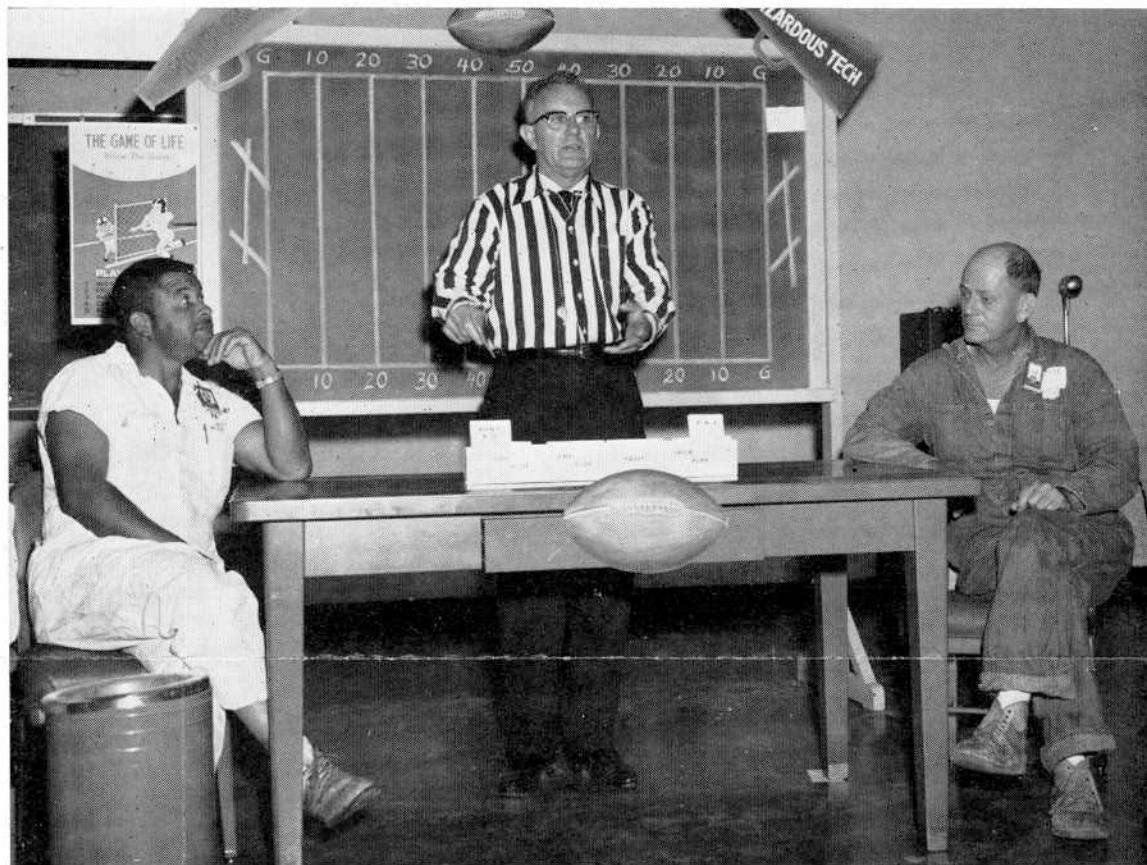
Congratulations, Maintenance!

father, and Merrill Boatman, and Charles 'Sandy' Barry Jr., both of Oak Ridge, were ushers.

A reception honored the couple at the bride's mother's home immediately after the ceremony.

The bride graduated from Oliver Springs High School, and attended Draughton's Business College. The groom is a Clinton High School graduate and Tennessee Military Institute. He recently completed four years active duty with the U. S. Army, and is employed in the advertising department of The Oak Ridger. Mrs. Crisp is in Y-12's Fire and Guard Department.

The couple is at home at 102-A South Walker Lane, Oak Ridge.



BUILDINGS, GROUNDS AND MAINTENANCE Shops Department gets the works as D. R. Deathridge, left, and W. D. Foust, right, quarterback their teams in recent competition. In the background is college marching music, as Referee U. L. Alspaugh calls the plays.

Varied Season Set For Playhouse

It will be a season of unusual, varied, and entertaining productions for the Oak Ridge Playhouse as the organization's 26th year begins on November 8 with the rollicking musical comedy, "A Funny Thing Happened on the Way to the Forum." This merry mixup had a long run on Broadway, was made into a very successful movie, and will now fill the Playhouse stage in Jackson Square with pretty girls, Roman scenery, and Milt Carey in a blonde wig.

The remainder of the season will include "Philadelphia, Here I Come!" a charming, vibrant and warmly humorous story about a young Irishman's leavetaking from his home and family as he heads for the riches of America; "The Caucasian Chalk Circle," Bertolt Brecht's provocative and fascinating drama about good and evil; "Luv," a comic take-off on modern man's absurdities; and "Barefoot in the Park," a convivial comedy about a young lawyer of the serious sort who would pick a nut for a bride and then try to figure her out. The Studio Theatre presentation will be "Raisin in the Sun" under the direction of Mrs. Courtland Randall.

Season tickets, both regular

and convenience cards, may be obtained by telephoning Mrs. J. B. Ball, Oak Ridge 483-3372. They will also go on sale at the Playhouse Box Office beginning November 4. Season tickets represent a saving of over 30 per cent which includes free attendance at the Studio Theatre production. Convenience cards are especially useful for those who either have seen one or two of the plays or might be out of town during performance dates on some of them since it provides a flexible arrangement but still retains the reduction in price.

Heart Attacks Can Be Avoided Maybe

There's no guarantee that you won't have a heart attack. But you can reduce the risk of the nation's number one killer . . . first by following some simple rules:

- Reduce if overweight.
- Don't smoke cigarettes.*
- Eat foods low in saturated fat and cholesterol.
- Exercise regularly and moderately.
- Get periodic medical check-ups.

*Dr. Howard B. Hurt, Nuclear Division psychologist, says your chances of surviving an initial heart attack are greatly enhanced even if you have only quit smoking for two weeks!

FAIR RETURN

A Canadian tourist bureau mailed out a questionnaire to visitors. "What improvements would you make?" asked the bureau. One reply said, "A stamped, self-addressed envelope with your questionnaire."

EVERY GOOD GUY



**GIVES THE
UNITED WAY**



TEAMS OF LONG-STANDING are in the Classic League, which rolls every Thursday at 5:45 p.m. like the two teams above. In the top photograph are Eightballs . . . from left . . . John Towle, Sam Bishop, Captain Frank Marlin, W. R. Winnie, Bob Martin, and Lynn Cabe. In the bottom picture are the Splinters . . . Tom Compton, Frank Thurman, E. K. Beeler, Captain Elmer Johnson, and John Reece.

Markers And Rebels Pace Bowlers As Bumpers Move In Classic Race

The Markers and Rebels now share the lead in the Classic Bowling affray after last week's action. Four wins went by four points . . . as the Bumpers belted top scores by the Playboys, the Smelters sank the Screwballs, the Eightballs outran the Pinbusters, and the Swingsters swung by the Splinters.

Taking three were the Rebels over the Eagles, the Has Beens by the Rippers, the All Stars around the Cubs and the Tigers by the Markers . . . all by the same score.

Al Townsend, All Stars, rolled a 226 scratch, 258 handicap game . . . and Joe Pryson, Bumpers, rolled a 611 scratch series . . . and Bill Freels, Tigers, took a 662 handicap threesome.

The Bumpers filled up the boards with high scores . . . singles of 939 scratch, 1053 handicap . . . series of 2748, 3080.

Volleyball Deadline Set For November 15

Come all ye volleyballers for a wee bit of winter folly! The league is forming as teams from all three Union Carbide plants line up for winter action.

Are you in yet? Or are you listed on a team? Fancy taking that spare tire off from around your waist by volleyball.

Recreation says that entries will close at 4:30 p.m. Friday, November 15. Action will commence Thursday, November 21, or Thursday, December 5. Gyms for practice sessions will be available on or about November 4.

WISE ANSWER

One of those bus placards, read "What will you do when this learns your job?" under a computer. Some wag wrote in: "Stay home and let **IT** pay the taxes."

League standings follow:

Team	W	L
Markers	18	10
Rebels	18	10
Bumpers	17	11
Has Beens	16	12
All Stars	16	12
Smelters	16	12
Eightballs	16	12
Eagles	15	13
Swingsters	15	13
Tigers	13	15
Playboys	12	16
Screwballs	12	16
Rippers	11	17
Splinters	10	18
Cubs	10	18
Pinbusters	9	19

Basketball Players Paged For New League

Paging basketball players again! The Recreation Department states that Friday, November 15, is the deadline for filing applications for teams in the three-plant basketball league.

Teams should enter, by giving Recreation 3-7109, the name of the team . . . captain and co-captain. Gyms for practice will be available on or about November 4.



Ride wanted from vicinity of Fairmont Boulevard, Knoxville, to East Portal, straight day. I. C. Hickman, plant phone 3-5391, home phone Knoxville 522-6868.

Ride wanted from Roland Lane, Karns, to North or Biology Portal, straight day. Lois McGinnis, plant phone 3-7327, home phone Knoxville 584-6900.

NO EXPANSION

Father on examining son's report card: "Well, there's one encouraging note. You certainly aren't taking any mind-expanding drugs."

'Status Quo' Reins In Mixed Bowling

The 'status quo' reigned in the Mixed League last week, as few teams changed positions. The Goofers gained four at the expense of the Roses 'N Thorns; the Hits & Misses heaved four by the Twisters; and the Rollers rolled past the McSprays.

The league-leading Alley Cats won three from the Mustangs.

Lou Sahr, Twisters, and Helen McSprays, tied for scratch honors in single game on the women's side . . . each with 173. Helen's 225 handicap single was high and her series came to 475 scratch, 616 handicap.

On the men's side of the fence was Wally Wieclawek, Goofers, with a 189 scratch game. Jim Young, Hits & Misses, rolled a 225 handicap single . . . and a 652 handicap series. Charlie Gillihan, Rollers, rolled a 535 scratch series.

The Rollers hit a 649 scratch single . . . while the Hits & Misses rolled an 822 handicap single. The Rollers returned to the boards with series of 1828 scratch, 2335 handicap.

League standings follow:

Team	W	L
Alley Cats	21½	6½
Goofers	20	8
Mustangs	17	11
Roses 'N Thorns	14	14
Hits & Misses	13½	14½
McSprays	9	19
Rollers	9	19
Twisters	8	20

Pollution Does Not Pay Here

Municipal governments and industries across the State are finding out that pollution doesn't pay. Within a three week span a privately owned rock crushing concern located in upper east Tennessee and the city of Johnson City have been cited into court by officers of the Tennessee Game and Fish Commission for polluting the State's streams and waterways. A third industry faces court proceedings in the near future.

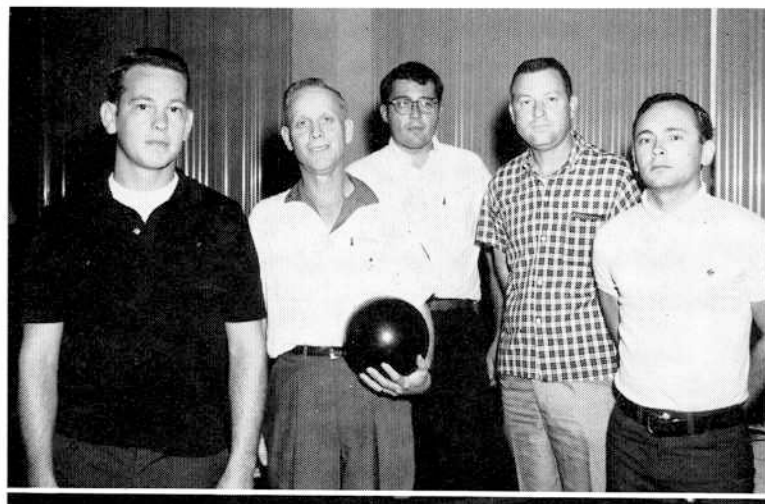
The citation issued to the management of Johnson City charged them with discharging raw, untreated sewage into Sinking Creek, which flows directly into Watauga River, one of the State's most scenic waterways. The case was first tried in Washington County Sessions Court, but the Judge found the nature of the offense so serious that the case was bound over to a grand jury.

In a case still pending in Carter County Sessions Court a local producer of sand and gravel has been charged with allowing lime dust from the gravel crushing operation to wash into Watauga River. Game and Fish biologists who analyzed the water near the operation found that no aquatic life could survive in the lime polluted water.

Paradoxically, one technician who testified in the case, Reid Tatum, Fisheries Biologist for the Game and Fish Commission, pointed out that the lime which was being washed into the river was of a high yield grade and had considerable commercial value. Officials of the company took a new interest in the money-making by-product which they had allowed to wash away.

HONEST MOTORIST

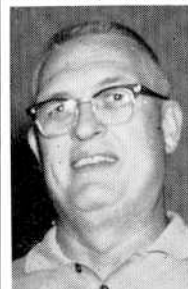
A Y-12er returned to his parked car in North Portal, and found the front bashed in. But he brightened as he saw a note under the windshield wiper. It read: "There are at least 20 people watching while I write this. They think I'm putting down my name, address and phone number, as well as my insurance agent, but I'm not. . . Signed, the Green Hornet."



YOUNG TEAMS IN THE C LEAGUE include the Jokers Five and the Instrument Engineers (lower picture) at a recent session. The Jokers, in top photo, include, from left, Tom McCloud, Tom Hillard, Ed Ward, Captain Rus Greeley, and Bobby Reynolds. The Instrument Engineers face the camera as S. E. Bradley Jr., Steve Babb, Larry McDonald, Don Norris, and Captain W. J. Greter.

Royal Flush, Rollmasters, Big Five Share Top Berth As C Alley Competition Rises

The Royal Flush and Big Five joined the Rollmasters atop the C Bowling circle last week. The R.F.'s bagged four from the Jokers Five, and the Big Five blasted four loose from the Rounders. The Rollmasters swept the Fireballs for three.



Norm busters pasted the Instrument En-

The rest of the wins for the night were sweeps . . . as the HiLifers had the Invalids, the Par-

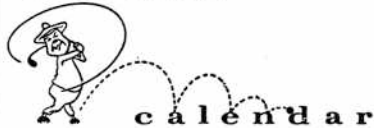
gineers and the Sunflowers took the Badgers.

Norm Jarvis, Big Five, belted out a 259 scratch game . . . a 280 handicap single. Bob Hagood, Sunflowers, sank a series of 613 scratch, 694 handicap! The Sunflowers swept team honors all the way . . . singles 996, 1133 . . . series of 2758 scratch, 3169 handicap!

League standings follow:

Team	W	L
Royal Flush	17	7
Big Five	17	7
Rollmasters	17	7
HiLifers	14	10
Rounders	13	11
Parbusters	12	12
Badgers	12	12
Jokers Five	11	13
Invalids	11	13
Sunflowers	7½	16½
Instrument Engineers	7	17
Fireballs	5½	18½

Recreation



Saturday, October 26

SMALLMOUTH RODEO: Sequoia Landing, Norris Lake. Fishing is all day long . . . from 7 a.m. until 6 p.m. Weigh-in is between the hour of 5 and 6 . . . and you have to be present at six to collect a prize.

Monday, October 28

BOWLING: 5:45 p.m. C League, Ark Lanes.

TABLE TENNIS: 7 p.m. Oak Ridge Wildcat's Den.

Tuesday, October 29

PHYSICAL FITNESS: (For Men) 7:30 p.m. Oak Ridge High School Gym.

PISTOL LEAGUE: 6:15 p.m. Oak Ridge Sportsmen's Association.

Wednesday, October 30

BOWLING: 8 p.m. Mixed League, Ark Lanes.

22 CALIBER RIFLE LEAGUE: 7 p.m. Anderson County Gun Club, Clinton.

Thursday, October 31

BOWLING: Classic League, 5:45 p.m., Ark Lanes.

Coming Soon

BASKETBALL, VOLLEYBALL Leagues commence.

Smallmouth Rodeo Saturday On Norris

E, F, G, H and J shiftmen are planning a big Smallmouth Rodeo this Saturday, October 26, at Sequoia Landing, Norris Lake. Fishing is all day long . . . from 7 a.m. until 6 p.m. Weigh-in is between the hour of 5 and 6 . . . and you have to be present at six to collect a prize.

There will be 10 awards in all . . . and there's no charge for the contest.

All Y-12 employees and their families are invited to attend the contest Saturday.

Remember, you must be present at the dock at 6 p.m. in order to qualify for fish awards!

Creel Limits Upped On Walleyes, Hybrids

The daily creel limits on some fish will be upped in Tennessee . . . but on the muskie it will be lowered.

Game and Fish Commission folks stated that effective January 1, the daily creel limit on walleye goes from five to 10; and on rockfish-striped bass hybrids two to five. On the muskellunge, it goes from three down to one.



ART HINES, BENEFIT PLANS, is a native of the Commonwealth of Kentucky, as everyone probably already knows. What everybody doesn't know, however, that Art is now an official Kentucky Colonel! Governor Louis B. Nunn officially recognized the Y-12er recently with the handsome scroll above. Notwithstanding the mint juleps in hand, Kentucky Colonels have to root for the Big Blue every Saturday during the Winter and Fall, which is not an easy task in Big Orange Country!

Safety Council Gives Wise Pointers In Selecting Small Portable Appliances

What do you look for when buying a new portable appliance? Probably, you're interested in performance, a bargain price, and graceful design.

Before you buy, look for safety features as well. A faulty or misused small appliance can burn, cut or electrocute besides toast bread or brew coffee.

The hundreds of kinds and models of small appliances make it difficult to determine the exact number of accidents involving unsafety or improperly used appliances. But Sara Miles, home economist in the National Safety Council's home department, notes: "Mishaps with appliances are without a doubt a significant cause of the 28,000 to 30,000 deaths and 43,000,000 or more disabling injuries from home accidents each year."

Recently, the U.S. Public Health Service also named 12 types of household equipment most often involved in accidental home injuries. At least five of the 12 categories included portable appliances such as electric drills and power saws, space heaters, electric skillets, appliance cords and sun lamps. Both the manufacturer and the consumer are responsible for preventing home accidents involving these small appliances. "Although every consumer should be able to purchase a brand name appliance with the assumption that it is safely constructed for proper use under normal circumstances, he can also follow certain buying guidelines that will minimize the possibility of mishaps with home appliances," advises the NSC.

Select a brand name appliance or equipment and purchase appliances from a reliable dealer. Reputable manufacturers and dealers are concerned about the design, construction, and servicing of their products. Check the warranty or guarantee coverage of appliances. But only appliances that meet national standards for safety. The UL marker indicates that appliances, cords, and plugs are reasonably safe for the use designed.

The Council urges you to ask these questions before buying a portable appliance:

- Is the appliance the right size

for family needs? A portable appliance that is big enough for your family will wear better and can therefore be used safely for a longer time.

- Does the appliance fit the area where it will be used? A space heater too big for its space can cause fires. A large electric skillet that won't fit into a cabinet can crowd your counter working space.

- Do all parts fit together smoothly with no jutting screws or parts? Are interior and exterior surfaces rust resistant and relatively free from seams and crevices?

- Are portable appliances well balanced for carrying and light enough to carry easily when filled with food or liquid? A child or elderly person may spill an overweight appliance.

- Are there waterproof cords on appliances that would be used on wet surfaces? Can the cord be cleaned by wiping with a damp cloth? Remember that electricity and water are a dangerous mixture. Every year some 300 Americans are electrocuted in home accidents involving everything from television sets to electric guitars.

- Does the appliance stand firmly and level without danger of tipping?

- Are operating and cleaning instructions provided, and are they clear and easy to follow?

Consider these points before you shop and not afterwards when it may be too late. Buy carefully and then take care of your buy.

PYRIMIDINE CHEMISTRY

How to get hot lather from a cold can without applying external heat has challenged aerosol researchers for nearly a generation. Now, victory is at hand through a combination of chemicals and a unique mixing-dispensing valve. The instant the valve is opened it precisely measures an oxidizer, which is in a separate internal container, into the soap formulation which contains a reductant based on pyrimidine chemistry. The result is an exothermic oxidation-reduction reaction which heats the foam to 150° F within five seconds.



That 'harvest time of the year' has come, and with it more Y-12ers marking important dates with Union Carbide Corporation. Congratulations.

25 YEARS

Vena Mae Summitt, Cafeteria, October 23.

Martha J. Plummer, Building Services Department, October 24.

Towns S. Curtis, Receiving Department, October 25.

Orel C. Hartman, Mail Department, October 25.

Grace A. Boyd, Beta Two Forming, October 27.

William L. Lowry Jr., General Shop Inspection, October 28.

15 YEARS

William J. Lynch, Process Maintenance, October 24.

Lonnie R. Beach, Dimensional Inspection, October 26.

John R. Bosson, Process Maintenance, October 26.

James B. Bowman, Alpha Five Machine Shop, October 26.

Roscoe C. Murphy, Machine Maintenance, October 26.

Hal T. Pless, General Machine Shop, October 26.

Everett S. Smith, Utilities Administration, October 26.

Norman D. Kennedy, Dimensional Inspection, October 28.

Cecil Stanifer, Alpha Five Processing, October 28.

Robert M. Kemper, Facilities Engineering, October 29.

Clyde E. Nance, General Weld Shop, October 29.

10 YEARS

Frank O. Bowman, Beta Four Heavy Machine Shop, October 27.

Ollie A. Ellis, Beta Four Heavy Machine Shop, October 27.

John D. Goad, Beta Four Heavy Machine Shop, October 27.

Arthur L. Hall, G-3 Processing, October 27.

William R. Tipton, M-Wing Shop, October 27.

ON THE ROCKS

A married couple we know is breaking up over religious differences. She worships money—he doesn't have any!



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Satterfield Son Receives Two Medals For Recent Service In Vietnam Theatre

Specialist Four Dennis L. Satterfield, who has just completed his two years in the U.S. Army, earned two separate citations while serving in Vietnam.

The citation read, in part: "To Specialist Four Dennis L. Satterfield, US 53447866, Headquarters and Headquarters Battery, 6th Howitzer Battalion, 15th Artillery, 1st Infantry Division, who distinguished himself by exceptionally meritorious service in the Republic of Vietnam. During the period September, 1967 to February, 1968, he astutely surmounted extremely adverse conditions to obtain consistently superior results. Through diligence and determination, he invariably accomplished every task with dispatch and efficiency. His unrelenting loyalty, initiative and perseverance brought him wide acclaim and inspired others to strive for maximum achievement. Selflessly working long and arduous hours, he has contributed significantly to the success of the allied effort. His commendable performance was in keeping with the finest traditions of the military service and reflects distinct credit upon himself and the United States Army."

The Bronze Star medal was awarded for a period January 30, 1968 to February 4 . . . of this year, and stated: "He consistently manifested exemplary professionalism and initiative in obtaining outstanding results. His rapid assessment and solution of numerous problems inherent in a counterinsurgency environment greatly enhanced the allied effective-



S-4/C Dennis L. Satterfield

ness against a determined and aggressive enemy. Despite many adversities, he invariably performed his duties in a resolute and efficient manner. Energetically applying his sound judgment and extensive knowledge, he has contributed materially to the successful accomplishment of the United States mission in the Republic of Vietnam."

Dennis is a 1966 graduate of Fulton High School.

The Satterfields live at 2009 Coker Avenue, Knoxville. The proud father is in the Biology Division.

DRY SUMMER

There's at least one advantage to a drought. The dresser drawers all open easily.



JAMES L. SMITH, ELECTRICAL ENGINEERING, retired from Y-12 September 30, after more than 15 years of continuous service here. He is honored above by co-workers, presenting him with his retirement plaque and a camera. From left are Max Lawson, Gay Smith, the retiree, F. S. Patton, superintendent of Design Engineering; and J. P. Smith.